Eric Anthony

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SUMMARY

As a Civil Engineering student poised for innovation, strategic problem solving defines the educational journey. Collaborated with fellow students on extensive projects revolving around site design and stormwater management, translating theories into tangible results using AutoCAD and Civil 3D. Navigated local codes effectively to project permitting and development compliance. Recognizing team collaboration as vital, fostered partnerships to deliver comprehensive design documents. Prepared detailed analyses that contributed clarity and direction in team presentations. Eager to bring hands-on experience and a fresh perspective to Innovative Engineering Solutions' dynamic team.

EDUCATION

Bachelor's Degree in Civil Engineering 2027

University of Denver GPA: 3.8 *Denver, CO*

Coursework: *Structural Analysis, Fluid Mechanics, Soil Mechanics, Environmental Engineering*

TECHNICAL SKILLS

- **Design Software:** AutoCAD, Civil 3D
- **Project Management Tools:** Microsoft Office
- **Research Methods:** Statistical Software, Data Modeling
- **Communication Tools:** Presentation Software, Reporting Tools
- **Erosion Control Techniques:** Hydrological Calculations, Sediment Control
- **Stormwater Management Systems:** Detention Facilities, Regulatory Compliance
- **Team Collaboration Platforms:** Project Dashboards, Meeting Software
- **Permitting Processes:** Local Codes, Specification Writing
- **Visualization Tools:** Prototyping Software, Simulation Tools
- **Technical Documentation:** Report Writing, Marketing Materials

SKILLS

- AutoCAD
- Civil 3D
- Microsoft Office
- written communication
- verbal communication
- teamwork
- project management
- stormwater management
- roadway design
- grading design
- analytical skills
- presentation skills
- code comprehension
- problem-solving
- research methodology

EXPERIENCE

Civil Engineering Student

January 2026 - Present

University Project *Denver, CO*

Focused on civil engineering tasks through academic undertakings while developing significant skills within a team-oriented environment. Engaged in grading and roadway designs while providing input on stormwater systems leveraging state-of-the-art tools like AutoCAD. Chose innovative approaches ensuring compliance with local regulations for enhancing site design for various clients.

- Developed grading and roadway design plans for a simulated residential project using AutoCAD and Civil 3D.
- Conducted stormwater management analysis, including hydrological calculations and design of detention facilities.
- Collaborated with a team of students to prepare comprehensive project reports and presentation materials.
- Engaged in code research to ensure compliance with local regulations and permitting processes.
- Utilized Microsoft Office to create detailed spreadsheets, calculations, and project timelines.
- Presented project findings to faculty and peers, receiving commendation for clarity and depth of analysis.

Civil Engineering Research Assistant

September 2025 - December 2025

Academic Research *Denver, CO*

Assisted in pioneering research initiative addressing erosion control methods. Developed data models to assess sediment control techniques employing Civil 3D, honing practical analytical capabilities.

- Assisted in research focused on erosion control methods for civil engineering applications.
- Created data models using Civil 3D to analyze the effectiveness of various sediment control techniques.
- Participated in weekly team meetings to discuss project progress and research findings.
- Contributed to drafting a research paper that was submitted for publication in a civil engineering journal.
- Employed statistical software to evaluate data sets and summarize results for presentation.

- Developed a presentation on findings, enhancing communication skills through peer feedback.

Engineering Hackathon Participant

March 2025

Hackathon Project

Denver, CO

Engaged with cross-functional teams at a high-profile hackathon dedicated to urban stormwater solutions. Innovatively tackled real-world challenges by integrating technology and civil engineering concepts.

- Collaborated with a multidisciplinary team to design an innovative stormwater management solution for urban environments.
- Developed prototypes and simulations to demonstrate the effectiveness of the proposed design using AutoCAD.
- Engaged with industry professionals and judges to present project outcomes, receiving the Best Innovation award.
- Conducted user testing to gather feedback and improve design functionality based on real-world applications.
- Created marketing materials to showcase project benefits, enhancing skills in technical documentation.
- Networked with other participants and professionals, expanding industry connections.

LEADERSHIP & AWARDS

- Dean's List, University of Denver, 2025
- Best Innovation Award, Denver Engineering Hackathon, 2025

CERTIFICATIONS

- AutoCAD Certified User 2026
- Civil 3D Fundamentals Certification 2026

PROFESSIONAL AFFILIATIONS

- Member of the Civil Engineering Society, University of Denver
- Volunteer, Habitat for Humanity, 2025

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST